

JUN 21 2005

PTO/SB/21 (09-04)

Approved for use through 07/31/2008. OMB 0651-0031

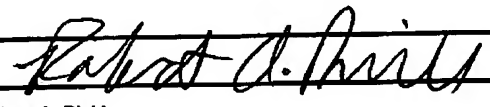
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/663,097	
	Filing Date	September 15, 2003	
	First Named Inventor	Xinhuan E. Lin	
	Art Unit	2821	
	Examiner Name	Dinh, Trinh Vo	
Total Number of Pages In This Submission	17	Attorney Docket Number	P17640

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Certificate of Transmission
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name			
Signature			
Printed name	Robert A. Diehl		
Date	June 21, 2005	Reg. No.	40,992

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Robert A. Diehl	Date	June 21, 2005

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PTO/SB/87 (09-04)

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Registration Number, if applicable

503-712-1880
Telephone Number

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

- Transmittal (1 page)
- Fee Transmittal (1 page, in duplicate)
- Response (12 pages)
- New Figure d (1 page)

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PTO/SB/17 (12-04v2)

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Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL**
For FY 2005☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 200.00

Complete if Known

Application Number	10/663,097
Filing Date	September 15, 2003
First Named Inventor	Xintian E. Lin
Examiner Name	Dinh, Trinh Vo
Art Unit	2821
Attorney Docket No.	P17640

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: 50-0221 Deposit Account Name: Intel Corporation

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below. ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fees Paid (\$)
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$$\text{HP} = \text{highest number of total claims paid for, if greater than 20.}$$

Indep. Claims	Extra Claims	Fee (\$)	Fees Paid (\$)
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$$\text{HP} = \text{highest number of independent claims paid for, if greater than 3.}$$
3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fees Paid (\$)
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$$\text{Total Sheets} - 100 = \text{Extra Sheets} / 50 = \text{Number of each additional 50 or fraction thereof} \times \text{Fee ($)} = \text{Fees Paid ($)}$$
4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge):

SUBMITTED BY

Signature

Name (Print/Type) Robert A. Diehl

Registration No.
(Attorney/Agent) 40,992

Telephone 503-712-1880

Date June 21, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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P17640

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Xintian E. Lin, et al.

Application No.: 10/663,097

Customer No.: 25694

Filed: September 15, 2003

For: LOW PROFILE SECTOR
ANTENNA CONFIGURATION

Examiner: Dinh, Trinh Vo

Art Unit: 2821

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Fax No.

June 21, 2005

Date of Transmission

Robert A. Diehl

Name of Person Transmitting Correspondence

 June 21, 2005

Signature

Date

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450AMENDMENT AND RESPONSE TO OFFICE ACTION

Sir:

In response to the Office Action mailed March 21, 2005, Applicant
respectfully requests that the Examiner enter the following amendments and
consider the following remarks.

06/23/2005 MBINAS 00000012 500221 10663097

01 FC:1201

200.00 DA

- 1 -

Atty. Docket No.: P17640
Application No.: 10/663,097